

**ABSTRACT OF THE DISCLOSURE**

Methods, systems, and computer program products for caching content that has been customized based on one or more operating characteristics of a mobile client. A mobile gateway receives content from a content source and customizes the content using transforms assigned to each mobile client. Transforms account for differences between mobile clients without imposing significant processing burdens on the content server. Copies of the content, the transformed content, and a transform identifier are cached at the mobile gateway so that subsequent requests for the content may be satisfied without requiring access to the content source. Processing that is common among several transforms may be shared. Mobile clients may be any type of computer.

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